

Cingular is proposing to replace an existing 31-foot 10-inch (39-feet 3-inch top of light) city street light with a 40-foot light pole that is designed to allow for the addition wireless communication antennas. The Cingular ground equipment will be placed behind an existing landscape area and existing masonry stucco wall located on a City of Scottsdale owned property. The equipment is also to be vaulted. The subject proposal will be similar to the site at Cactus/104<sup>th</sup> Street known as 22-DR-2004 approved on January 13, 2005 with the biggest difference being the ground equipment which will not be visible to general public. In addition, Cingular would like to request the use of temporary facility due to the Cactus Road widening delays that will be encountered. The following is an outline of how Cingular will comply with all Federal, State, County and Local Regulations with respect to wireless communication facilities:

1. The subject location was chosen based on specific radio frequency engineering design and the availability of city owned property.
2. The proposed type III facility meets the intent of the Scottsdale wireless ordinance.
3. The ordinance strongly encourages using existing vertical elements

**Subject Zoning**

County R1-35 PRD for the subject parcel and all adjacent parcels

**Location and Accessibility**

The proposed wireless facility will be access from 100<sup>th</sup> Street and Cactus.

**Circulation System** - No changes are proposed to the existing circulation system. The Cingular unmanned facility will generate approximately one trip per month.

**Development Schedule** - Will commence once a building permit is obtained.

**Community Facilities and Services** - No impact on local schools.

**Public Utilities and Services**

The proposed unmanned wireless communications facility will generate no refuse, and will use no water or sewer services. There should be no demand for police surveillance. The facility is isolated from other buildings minimizing any fire dangers. Emergency vehicle access is available directly to the site.

**Cactus Road Widening**

The road widening plans have been incorporated into the drawings.

**85-DR-2006**

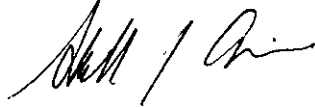
REV: 08/21/2006

**Cingular Communications Wireless Specific Information**

- (3) Antennas at the 37-foot Centerline with an overall height of 40-feet
- Maximum Antenna size 4-inch x 16-inch x 56-inch
- Ground equipment is to be placed inside of a vault.
- Equipment will operate in the licensed 1850-1865, 1895-1905, 1930-1945 & 1975-1985mhz
- Coaxial cables will run up the side of the light poles to the antennas.

Cingular is excited about the opportunity to bring enhanced service to the greater Scottsdale area. As a result, residents and tourist will benefit from the improved coverage and options available. The improvements will help to enhance E-911, County, City and Public communication services.

See the attached documents for further clarification of the proposed plan.

**APPLICANT**

**Cingular/Infranext by Quinn United Enterprises, LLC**

**3655 W Anthem Way, A109 PMB 250, Anthem, AZ 85086**

**623-551-6096, scottquinn@qwest.net, 623-551-6096 Fax**

**Member of the American Planning Association and National Association of Realtors**

# ABBREVIATIONS

A.B.	ANCHOR BOLT
AWG	AMERICAN WIRE GAUGE
BUILD	BUILDING
B.T.S.	BASIC TRANSCEIVER STATION
C/L	CENTERLINE
CEN	CENTER
CUR	CLEAR
C.W.U.	CONCRETE MASONRY UNIT
COL	COLUMN
CONC.	CONCRETE
CONN.	CONNECTION
C.J.	CONSTRUCTION JOINT
CONT.	CONTINUOUS
DBL	DOUBLE
DET.	DETAIL
DIA.	DIAMETER
D.M.	DIMENSION
DWG.	DRAWING
(E)	EXISTING
E.A.	EACH
ELEC.	ELECTRICAL
ELEV.	ELEVATION
EMBED.	EMBEDMENT
EQ.	EQUAL
EQUIP.	EQUIPMENT
FIB.	FIBERGLASS REINFORCED PLASTIC
GA.	GAUGE
GALV.	GALVANIZED
G.L.B.	GLASS-LAMINATED BEAM
HORIZ.	HORIZONTAL
I.D.	INSIDE DIAMETER
J.W.G.	LONGITUDINAL
M.A.K.	MACHINE BOLT
M.B.	MINIMUM
MISC.	MISCELLANEOUS
N.E.C.	NATIONAL ELECTRICAL CODE
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
N.O.	NUMBER
O.D.	OUTSIDE DIAMETER
P.C.S.	PERSONAL COMMUNICATIONS SERVICES
P.L.	PLATE
P.L.Y.	PLYWOOD
S.A.D.	SEE ARCH. DWG.
S.F.	SQUARE FOOT
SHT	SHEET
SIM	SIMILAR
SQ.	SQUARE
STD.	STANDARD
T.O.C.	TONGUE & GROOVE
T.O.M.	TOP OF CONCRETE
T.O.S.	TOP OF MASONRY
T.O.W.	TOP OF WALL
T. & B.	TOP AND BOTTOM
TYP.	TYPICAL
U.O.N.	UNITED STATES NOTE
W/L	WITH
W/O	WITHOUT



## P-796-01 CACTUS AND 100TH ST.

### CODES

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST APPLICABLE VERSION OF THESE CODES.

1. 2003 INTERNATIONAL BUILDING CODE (IBC)
2. 2003 INTERNATIONAL MECHANICAL CODE (IMC)
3. 2003 INTERNATIONAL FIRE CODE (IFC)
4. 2003 INTERNATIONAL ENERGY CODE
5. 2009 NATIONAL ELECTRICAL CODE
6. LOCAL BUILDING CODE
7. CITY/COUNTY ORDINANCES

### ADA COMPLIANCE

**HANDICAP REQUIREMENTS:**  
FACILITY IS UNIMPAIRED AND NOT FOR HUMAN HABITATION.  
HANDICAPPED ACCESS REQUIREMENTS NOT REQUIRED.

### PROJECT SUMMARY

**APPLICANT/LESSEE:** **cingular**  
WIRELESS

2396 E. Camelback Rd. Suite 1100  
Phoenix, AZ 85016  
Contact: Brandon Thompson  
Tel: (602) 224-8990

**PROPERTY OWNER:** CITY OF SCOTTSDALE  
7447 E. INDIAN SCHOOL RD  
Contact: KEVIN SONOGA  
Tel: (480) 312-4138

### PROJECT DESCRIPTION:

THE PROJECT CONSISTS OF THE INSTALLATION AND OPERATION OF ANTENNAS AND ASSOCIATED EQUIPMENT CABINETS FOR THE CINGULAR WIRELESS PERSONAL COMMUNICATIONS (PCS) NETWORK. A TOTAL OF 3 ANTENNAS AND ONE PROPOSED EQUIPMENT CABINET ARE PROPOSED AT THIS SITE. THE ANTENNAS WILL CONSIST OF 3 PANEL ANTENNAS MOUNTED ON A REPLACEMENT LIGHT POLE. THE SYSTEM WILL TRANSMIT AND RECEIVE RADIO SIGNALS FOR A REGIONAL PCS NETWORK.

### SHEET INDEX

**T1** TITLE SHEET  
**Z1** AREA PLAN  
**Z2** SITE PLAN  
**Z3** ELEVATIONS

**85-DR-2006**  
**REV: 08/21/2006**

### PROJECT TEAM



3221 N. 24th St., Suite 22  
Phoenix, AZ 85016-7355  
Tel: (602) 466-3618  
Fax: (602) 682-5684

### VICINITY MAP

#### DRIVING DIRECTIONS FROM CINGULAR OFFICE

DEPART 2396 E CAMELBACK RD. HEAD WEST ON CAMELBACK RD.

TURN RIGHT (NORTH) ONTO N 18TH ST. THEN IMMEDIATELY BEAR LEFT (NORTH) ONTO SQUAW PEAK PKY.

TURN RIGHT ONTO SR-61. AT CACTUS EXIT TURN OFF ONTO RAMP BEAR LEFT ONTO E CACTUS RD.

KEEP STRAIGHT ON CACTUS RD. SITE IS ON 100TH ST AND CACTUS (NE CORNER).



### SITE INFORMATION

#### SITE ADDRESS

LIGHT POLE ON NEC OF 100TH ST. AND CACTUS RD  
SCOTTSDALE, AZ 85260

Jurisdiction: CITY OF SCOTTSDALE

APN: 217-23-852

Zoning: R1-35

#### DATUM POINTS

NAD83 DATUM  
LAT. N 33° 35' 49.8  
LONG. W 111° 51' 54.7

REV.	DATE	DESCRIPTION
01	03/05	1A) FINAL PRELIMINARY
02	08/06	1B) FINAL PRELIMINARY
03	21/06	1C) FINAL PRELIMINARY
04	21/06	1D) FINAL PRELIMINARY
05	09/06	1E) FINAL PRELIMINARY

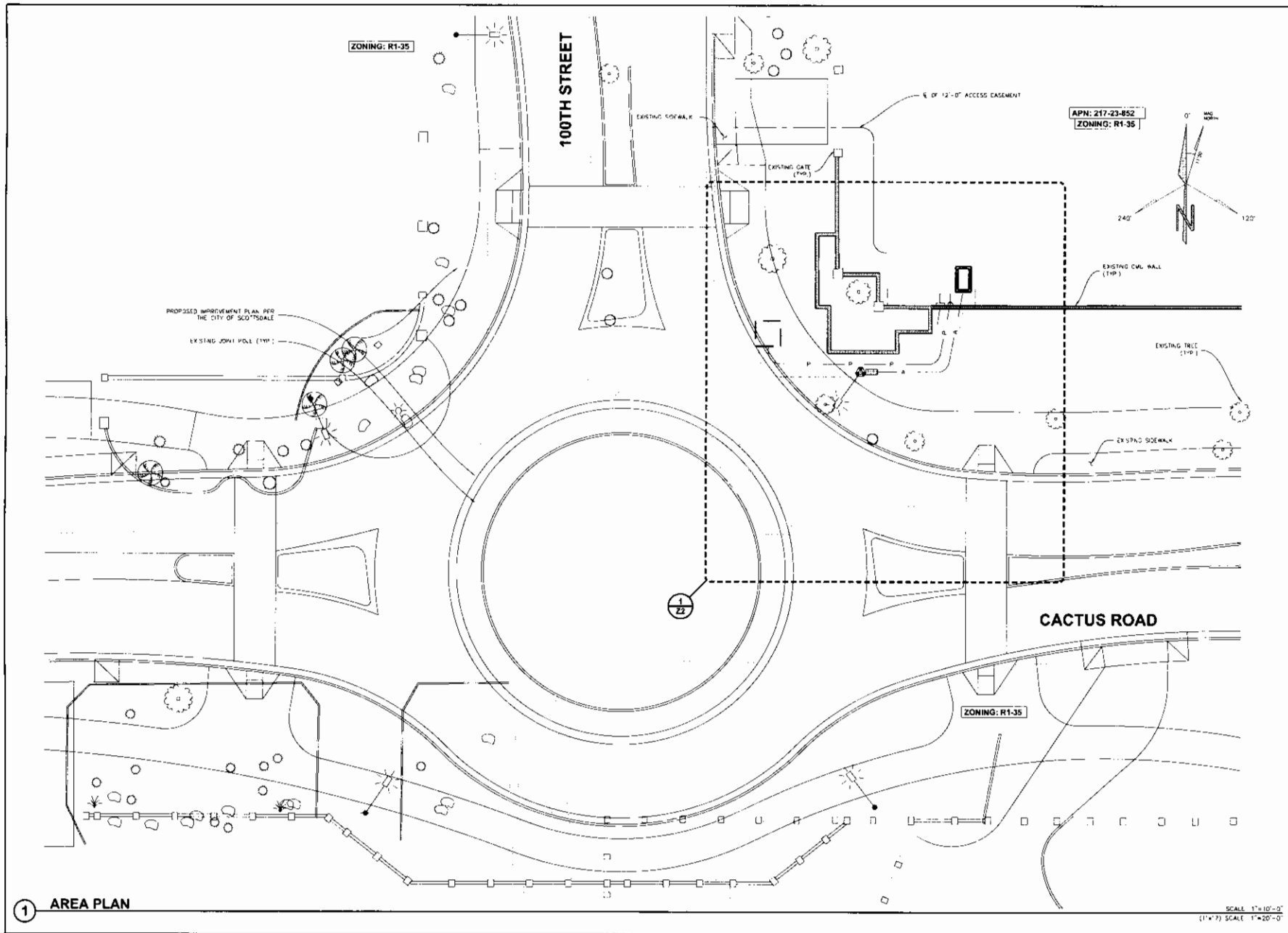
**Diamond Services**  
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Phoenix, AZ 85016-7355  
Tel: (602) 466-3618  
Fax: (602) 682-5684



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**T1**



**1 AREA PLAN**

**85-DR-2006**  
**REV: 08/21/2006**

DATE	DESCRIPTION	REV.
07/03/05	(A) FINAL PRELIMINARY	1
07/08/05	(B) ZONING PRELIMINARY	2
07/27/05	(C) ZONING FINAL	3
07/27/05	(D) ZONING FINAL REVIEW PER CITY APPROVAL	4
08/08/05	(E) ZONING FINAL REVIEW PER CITY APPROVAL	5

**Diamond Services**  
Engineering, Construction & Testing  
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2398 E. Camelback Rd. Suite 1100  
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**Z1**



